

IFJ -

C O V E R

FAX

S H E E T

KUBOVCIK & KUBOVCIK

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**To:** Mail Stop ISSUE FEE  
**Firm:** U. S. Patent and Trademark Office  
**Fax #:** 571-273-2885  
**From:** Ronald J. Kubovcik (Registration No. 25,401)  
**Date:** February 23, 2009  
**Pages :** 17 including this cover sheet.  
**Re :** Appl. No. : 10/552,663  
Applicant : Juha T. Rantala et al.  
Filed : October 11, 2005  
TC/A.U. : 2587  
Examiner : Colleen E. Rodgers  
Dkt. No. : LAIN-102  
Cust. No. : 20374

Confirmation No. 2587

Document transmitted herewith:

1. REQUEST FOR CORRECTION OF OFFICE RECORDS (with Printout of Biographic Data from PAIR system; copy of "Request for Corrected Notice of Acceptance of Application" filed July 25, 2006; copy of "Request for Corrected Filing Receipt" filed July 25, 2006; and copy of "Receipt of Filing of Papers" with OIPE date stamp of July 25, 2006)

(Dkt: February 23, 2009)

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Mail Stop Issue Fee

Appl. No. : 10/552,663

Confirmation No. 2587

Applicant : Juha T. Rantala et al.

Filed : October 11, 2005

TC/A.U. : 2587

Examiner : Colleen E. Rodgers

Dkt. No. : LAIN-102

Cust. No. : 20374

I hereby certify that this paper is being  
facsimile transmitted on February 23, 2009,  
to the United States Patent and Trademark  
Office to facsimile number (571)273-8300.

*Keiko T. Kubovcik*  
Keiko T. Kubovcik

REQUEST FOR CORRECTION OF OFFICE RECORDS

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

February 23, 2009

Sir:

Applicants respectfully request correction of the Office  
Records regarding the 371(c) date for the above-identified  
application.

In the Biographic Data of the PAIR system, the 371(c) date of  
the application is identified as 10-11-2005. A copy of printout of  
the Biographic Data is enclosed. However, on 10-11-2005, the

P:\02-09\lain-102-pto-req-correction-pto-records.vpd

U.S. PATENT APPLN. S.N. 10/552,663  
REQUEST FOR CORRECTION OF OFFICE RECORDS

application entered U.S. national stage without a Declaration. The executed Declaration was filed in the Office on March 28, 2006. Therefore, the 371(c) date of the application should be March 28, 2006.

A request for a corrected Notice of Acceptance of Application and a request for corrected filing receipt were filed in the Office on July 25, 2006. A copy of each request is enclosed. A copy of "Receipt of Filing of Papers" with the OIPE date stamp of July 25, 2006, is also enclosed. However, the Office has failed to correct the error.

It is believed that no fee is required for this correction. However, in the event any fees are required, please charge our Deposit Account No. 111833.

Respectfully submitted,

KUBOVCIK & KUBOVCIK



Keiko Tanaka Kubovcik  
Reg. No. 40,428

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Arlington, VA 22202  
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Fax: (703) 412-9345  
KTK/esc/ff

U.S. PATENT APPLN. S.N. 10/552,663  
REQUEST FOR CORRECTION OF OFFICE RECORDS

Enclosures:      Printout of Biographic Data from PAIR system  
                    Copy of "Request for Corrected Notice of Acceptance  
                    of Application" filed July 25, 2006  
                    Copy of "Request for Corrected Filing Receipt"  
                    filed July 25, 2006  
                    Copy of "Receipt of Filing of Papers" with OIPE  
                    date stamp of July 25, 2006

10/552,663	ORGANO-SILSESQUIOXANE POLYMERS FOR FORMING LOW-K DIELECTRICS	02-14-2009::20:19:08
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**Bibliographic Data**

Application Number:	10/552,663	Customer Number:	20374
Filing or 371 (c) Date:	10-11-2005	Status:	Notice of Allowance Mailed -- Application Received in Office of Publications
Application Type:	Utility	Status Date:	11-28-2008
Examiner Name:	<u>RODGERS, COLLEEN E</u>	Location:	ELECTRONIC
Group Art Unit:	2813	Location Date:	-
Confirmation Number:	2587	Earliest Publication No:	US 2006-0180900 A1
Attorney Docket Number:	LAIN-102	Earliest Publication Date:	08-17-2006
Class / Subclass:	257/040	Patent Number:	-
First Named Inventor:	Juha T. Rantala , Espoo, (FI)	Issue Date of Patent:	-

Title of Invention:	ORGANO-SILSESQUIOXANE POLYMERS FOR FORMING LOW-K DIELECTRICS
---------------------	--

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14/60  
7.26  
Aval

RECEIPT OF FILING OF PAPERS

PATENT APPLICATION

Mail Stop PCT

Appl. No. : 10/552,663

Confirmation No. 2587

Applicant : Juha T. Rantala

Filed : October 11, 2005

TC/A.U. : 2811

Examiner : Unknown

Dkt. No. : LAIN-102

Cust. No. : 20374

PAPERS FILED HERewith:

REQUEST FOR CORRECTED NOTICE  
OF ACCEPTANCE OF APPLICATION

(With Marked-up copy of Notice of Acceptance of Application & Copy of "Receipt of Filing of Papers" with OIPE date stamp of March 28, 2006)

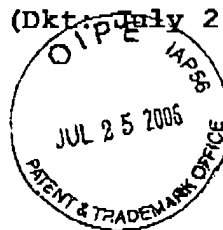
REQUEST FOR CORRECTED FILING RECEIPT

(With Copy of "Receipt of Filing of Papers" with OIPE date stamp of March 28, 2006, marked-up Filing Receipt)

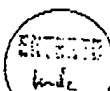
KUBOVCIK & KUBOVCIK  
The Farragut Building  
Suite 710  
900 17th Street, N.W.  
Washington, D.C. 20006  
Tel: (202) 887-9023  
Fax: (202) 887-9093  
KTK/jjk

DATE: July 25, 2006

(Dkt. July 28, 2006)



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PATENT  
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Mail Stop PCT

Appl. No. : 10/552,663 Confirmation No. 2587  
Applicant : Juha T. Rantala  
Filed : October 11, 2005  
TC/A.U. : 2811  
Examiner : Unknown  
Dkt. No. : LAIN-102  
Cust. No. : 20374

REQUEST FOR CORRECTED NOTICE  
OF ACCEPTANCE OF APPLICATION

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

July 25, 2006

Sir:

A corrected Notice of Acceptance of Application is respectfully requested for the above-identified application.

In the Notice of Acceptance of Application, the date of Receipt of 35 U.S.C. 371(c)(1), (c)(2) and (c)(4) requirements and the date of completion of all 35 U.S.C. 371 requirements are incorrectly identified as "10/11/2005" and "03/31/2006", respectively. The date of receipt of 35 U.S.C. 371(c)(1), (c)(2) and (c)(4) requirements and the date of completion of all 35 U.S.C. 371 requirements are correctly both --03/28/06-- since the last

P:\07-06\lain-102-ptc-req-cor-pat.wpd

U.S. PATENT APPLN. S.N. 10/552,663  
REQUEST FOR CORRECTED NOTICE  
OF ACCEPTANCE OF APPLICATION

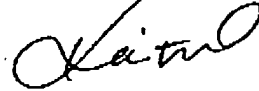
requirement of the 35 U.S.C. 371(c)(1), (c)(2) and (c)(4) requirements, the declaration (35 U.S.C. 371(c)(4)), was filed in the Office on March 28, 2006.

For the convenience of the Office, a copy of the Notice of Acceptance of Application is attached hereto with the errors marked in red ink. Also enclosed is a copy of a "Receipt of Filing of Papers" for the declaration with an OIPE date stamp of March 28, 2006.

In the event any fees are required, please charge our Deposit Account No. 111833.

Respectfully submitted,

KUBOVCIK & KUBOVCIK



Keiko Tanaka Kubovcik  
Reg. No. 40,428

Atty. Case No. LAIN-102  
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Fax: (202) 887-9093  
KTK/jjk

Enclosures:      Marked-up copy of Notice of Acceptance of  
Application  
Copy of "Receipt of Filing of Papers" with OIPE  
date stamp of March 28, 2006





COPY

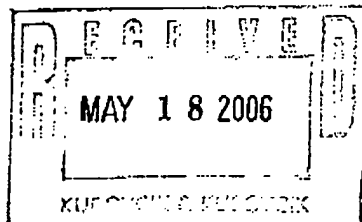


## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1419  
Alexandria, Virginia 22313-1419  
www.uspto.gov

U.S. APPLICATION NUMBER NO. 10/552,663	FIRST NAMED APPLICANT Juha T. Rantala	ATTY. DOCKET NO. LAIN-102
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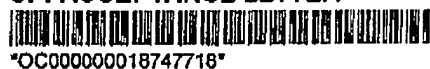
Kubovcik & Kubovcik  
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Suite 710  
900 17th Street NW  
Washington, DC 20006



INTERNATIONAL APPLICATION NO. PCT/FI04/00223	
IA. FILING DATE 04/13/2004	PRIORITY DATE 04/11/2003

CONFIRMATION NO. 2587

371 ACCEPTANCE LETTER



\*OC000000018747718\*

Date Mailed: 05/11/2006

## NOTICE OF ACCEPTANCE OF APPLICATION UNDER 35 U.S.C 371 AND 37 CFR 1.495

The applicant is hereby advised that the United States Patent and Trademark Office in its capacity as a Designated / Elected Office (37 CFR 1.495), has determined that the above identified international application has met the requirements of 35 U.S.C. 371, and is ACCEPTED for national patentability examination in the United States Patent and Trademark Office.

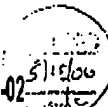
The United States Application Number assigned to the application is shown above and the relevant dates are:

<u>10/11/2005</u> DATE OF RECEIPT OF 35 U.S.C. 371(c)(1), (c)(2) and (c)(4) REQUIREMENTS	<u>03/31/2006</u> DATE OF COMPLETION OF ALL 35 U.S.C. 371 REQUIREMENTS
--	--

A Filing Receipt (PTO-103X) will be issued for the present application in due course. **THE DATE APPEARING ON THE FILING RECEIPT AS THE " FILING DATE" IS THE DATE ON WHICH THE LAST OF THE 35 U.S.C. 371 (c)(1), (c)(2) and (c)(4) REQUIREMENTS HAS BEEN RECEIVED IN THE OFFICE. THIS DATE IS SHOWN ABOVE.** The filing date of the above identified application is the international filing date of the international application (Article 11(3) and 35 U.S.C. 363). Once the Filing Receipt has been received, send all correspondence to the Group Art Unit designated thereon.

The following items have been received:

- Indication of Small Entity Status
- Copy of the International Application filed on 10/11/2005
- Copy of the International Search Report filed on 10/11/2005
- Preliminary Amendments filed on 10/11/2005
- Information Disclosure Statements filed on 03/28/2006
- Oath or Declaration filed on 10/11/2005
- Small Entity Statement filed on 10/11/2005
- U.S. Basic National Fees filed on 10/11/2005
- Assignment filed on 03/28/2006
- Priority Documents filed on 10/11/2005
- Specification filed on 10/11/2005



- Claims filed on 10/11/2005
- Abstracts filed on 10/11/2005

---

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

---

PATRICIA A BOOKER  
Telephone: (703) 308-9140 EXT 204

PART 1 - ATTORNEY/APPLICANT COPY

FORM PCT/DO/EO/903 (371 Acceptance Notice)

KV/BL  
32406  
clm

RECEIPT OF FILING OF PAPERS

PATENT APPLICATION

Mail Stop PCT



In re the application of:

Juha RANTALA

International Application No. PCT/FI2004/000223

I.A. Filing Date: April 13, 2004

U.S. Serial Number: 10/552,663 (unofficial)

Atty. Dkt. Number: LAIN-102

Customer No.: 20374

PAPERS FILED HEREWITH:

Application Transmittal for Second  
Submission of Items  
(With Declaration, Assignment (With  
Cover Sheet), Statement Under 37 C.F.R.  
1.497(d) (1) & Information Disclosure  
Statement under 37 C.F.R. §1.97(b) (With  
PTO-1449 and 7 documents))

PTO-2038 FOR \$170.00

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Fax: (202) 887-9093  
KTK/jbf

Date: March 28, 2006

(DKT: March 31, 2006)

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/552,663 Confirmation No. 2587  
Applicant : Juha T. Rantala  
Filed : October 11, 2005  
TC/A.U. : 2811  
Examiner : Unknown  
Dkt. No. : LAIN-102  
Cust. No. : 20374

REQUEST FOR CORRECTED FILING RECEIPT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

July 25, 2006

Attn: Office of Initial Patent Examination's  
Filing Receipt Corrections

Sir:

A corrected filing receipt is respectfully requested for the above-identified application.

The filing receipt incorrectly identifies the filing date as "10/11/2005". The filing date should be correctly identified as -- 3/28/2006-- since the date the requirements under 35 U.S.C. 371(c), (c)(2) and (c)(4) were satisfied is March 28, 2006 (please refer to the Request for Corrected Notice of Acceptance of Application filed together with this request).

P:\07-06\lain-102-pto-req-cfr.wpd

U.S. PATENT APPLN. S.N. 10/552,663  
REQUEST FOR CORRECTED FILING RECEIPT

A copy of the filing receipt with the error marked in red is enclosed. Also enclosed is a copy of a "Receipt of Filing of Papers" for the declaration with an OIPE date stamp of March 28, 2006.

In the event any fees are required, please charge our Deposit Account No. 111833.

Respectfully submitted,

KUBOVCIK & KUBOVCIK



Keiko Tanaka Kubovcik  
Reg. No. 40,428

Atty. Case No. LAIN-102  
The Farragut Building  
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900 17th Street, N.W.  
Washington, D.C. 20006  
Tel: (202) 887-9023  
Fax: (202) 887-9093  
KTK/jjk  
Enclosures:

Marked-up Filing Receipt  
"Receipt of Filing of Papers" for the declaration  
with an OIPE date stamp of March 28, 2006.



## UNITED STATES PATENT AND TRADEMARK OFFICE

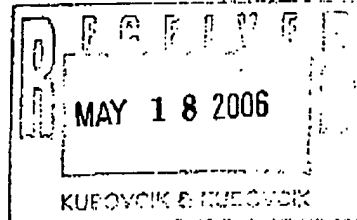
UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

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Page 1 of 3 dml

APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/552,663	10/11/2005 3/28/2006	2811	740	LAIN-102		25	4

Kubovcik & Kubovcik  
The Farragut Building  
Suite 710  
900 17th Street NW  
Washington, DC 20006



CONFIRMATION NO. 2587

## FILING RECEIPT



\*OC000000018747717\*

Date Mailed: 05/11/2006

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Juha T. Rantala, Espoo, FINLAND;  
Jyri Paulasaari, Turku, FINLAND;  
Janne Kylma, Helsinki, FINLAND;

## Power of Attorney:

Keiko Kubovcik-40428

## Domestic Priority data as claimed by applicant

This application is a 371 of PCT/FI04/00223 04/13/2004

## Foreign Applications

## Acceptable Request to Retrieve Priority Application Received?

UNITED STATES OF AMERICA 60461820 04/11/2003	NO
UNITED STATES OF AMERICA 60531672 12/23/2003	NO
TAIWAN 93109843 04/09/2004	NO

If Required, Foreign Filing License Granted: 05/10/2006

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US10/552,663**

Projected Publication Date: 08/17/2006



Non-Publication Request: No

Early Publication Request: No

**\*\* SMALL ENTITY \*\***

Title

Organo-silsesquioxane polymers for forming low-k dielectrics

Preliminary Class

257

## PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process simplifies the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

---

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#### GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING

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This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

#### **NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).





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RECEIPT OF FILING OF PAPERS

PATENT APPLICATION

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In re the application of:

Juha RANTALA



International Application No. PCT/FI2004/000223

I.A. Filing Date: April 13, 2004

U.S. Serial Number: 10/552,663 (unofficial)

Atty. Dkt. Number: LAIN-102

Customer No.: 20374

PAPERS FILED HEREWITH: Application Transmittal for Second Submission of Items  
(With Declaration, Assignment (With Cover Sheet), Statement Under 37 C.F.R. 1.497(d) (1) & Information Disclosure Statement under 37 C.F.R. §1.97(b) (With PTO-1449 and 7 documents))

PTO-2038 FOR \$170.00

KUBOVCIK & KUBOVCIK  
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Washington, D.C. 20006  
Tel: (202) 887-9023  
Fax: (202) 887-9093  
KTK/jbf

Date: March 28, 2006

(DKT: March 31, 2006)

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